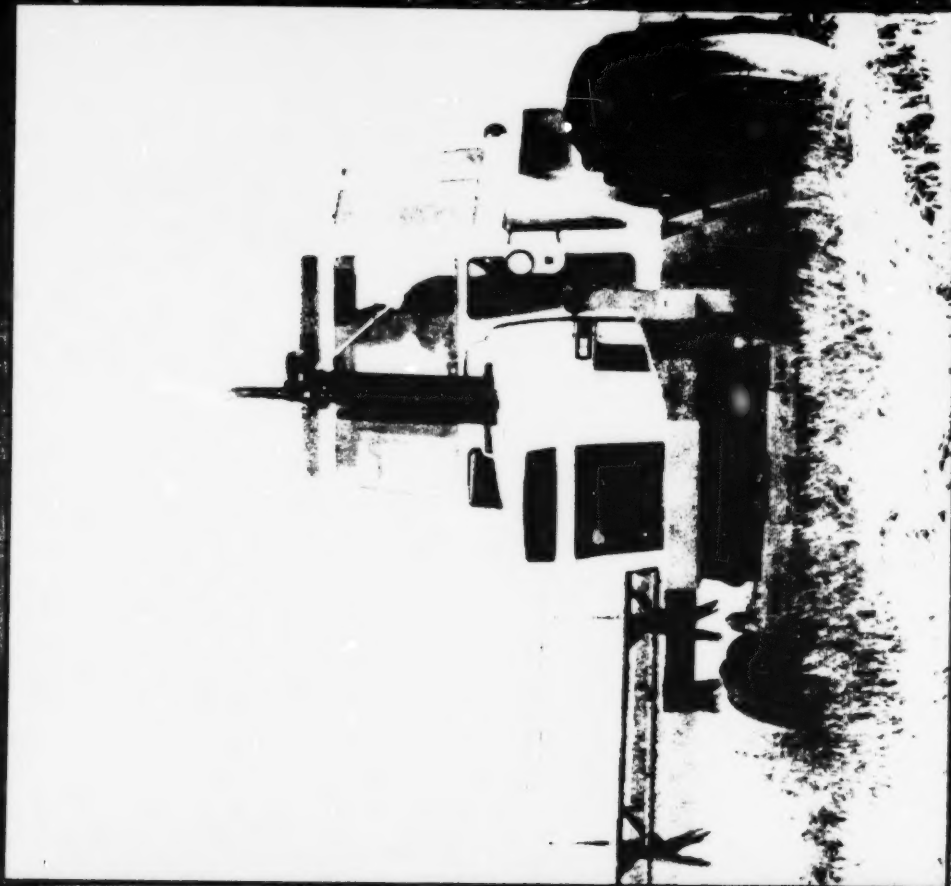


Custom rates survey summary

1987



PREFACE

As custom and rental agreements are being negotiated, it is useful to know what others are paying or charging for similar services. Since 1977, Alberta Agriculture has annually surveyed custom and rental rates to provide information to farmers and custom operators making custom work and rental decisions.

This publication presents a summary of custom work and land rental rates during 1986. These rates are intended only as a guide for 1987. They are not to be interpreted as the rates you may charge or pay.

This publication is a cooperative endeavor by Alberta Agriculture's Statistics Branch and Farm Business Management Branch. The publication was prepared by Garth Nickorick, under the supervision of Gerd Andres, Farm Business Management Branch from data collected by Maureen Whitlock, Statistics Branch.

THE DEPARTMENT GRATEFULLY ACKNOWLEDGES THE CONTRIBUTION OF THE FARMERS AND CUSTOM OPERATORS WHO WILLINGLY COOPERATED BY PROVIDING INFORMATION ABOUT THEIR CUSTOM AND RENTAL RATES.

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INTRODUCTION

Objective

The Custom Rates Survey Summary began in 1977 as a response to a need for this type of information by farmers, custom operators and agriculturists.

The specific objective of this publication is to organize and report 1986 custom rates for certain custom operations on the farm. No effort was made to evaluate "fairness" of reported rates. The goal was to report what is being charged, not what should be charged.

Sample Size

The reader should note that the sample size is often small and thus, reported rates should only be used as general indications of rates that are being charged for the various custom operations in Alberta. Custom rates in this publication do not replace the necessity to evaluate individual custom operations on their own merit. Custom rates in this publication are not to be interpreted as recommended rates.

Users of Custom Rates Information

Custom rate information can be useful to many people involved in agriculture and other related activities. Farmers may find custom rates useful as a GUIDE for machinery management, budgeting and financial planning for credit needs. Also, custom rates can be useful as GUIDES in negotiating settlements for work performed for neighbors or others. Lenders, educators, government institutions and others doing budgeting or planning analysis may also find custom rates useful as GUIDES in their work. Custom operators can use these GUIDES to compare their own rate with the market rate in a certain area.

Understanding the Tables

Custom rates for various operations in Alberta are illustrated on pages 4 to 24. The tables are itemized under type of OPERATION surveyed, location where rates apply, most common rates charged in 1985, range of rates charged in 1986 and most common rates charged in 1986. Under the heading LOCATION, six regions were identified. These regions are outlined on the map on page 3. Where the LOCATION is identified as south, central and north, two regions are combined into one location. South consists of Region 1 and 2, Central consists of Region 3 and 4, and North consists of Region 5 and 6.

Custom rates in 1986 for the various operations are shown as RANGE-1986 and MOST COMMON-1986. The rates quoted most often by custom operators are under the heading MOST COMMON-1986. Variations in rates from lowest to highest are under the heading RANGE-1986. The reason for these ranges are due to many factors of which some are listed below.

Lower rates may be influenced by:

- a) neighborly work exchange;
- b) location of job in relation to home base of custom operator;
- c) custom operator's desire to cover variable costs, but not necessarily all fixed costs;
- d) use of older equipment which does not reflect current investment cost;
- e) the farmer hiring custom services may provide some part of the costs such as: his own labor, meals, fuel, supervision, transportation or other convenience services; and
- f) the size of job.

Higher rates may be influenced by:

- a) full-time custom operators who are covering all costs;
- b) charging what the market will bear;
- c) tough jobs requiring extra power, repairs, fuel or time;
- d) field conditions such as rocks, rough terrain, obstructions, or high yield crops; and
- e) small size jobs.

HOW TO USE CUSTOM RATE INFORMATION

Rates quoted in this publication for the various custom operations are expressed in numerous ways (per hour, ton, tonne, bale, acres, etc.). Before comparing the various custom operations, always choose the appropriate basis in which to compare. For example, grain harvesting may require a per acre cost as compared to corral cleaning where a per tonne is more appropriate. When custom rates are given in dollars per hour, a person is advised to always convert to a physical unit cost (bushels, tonnes, acres) that is appropriate to that operation. A low cost per hour can be a very high cost per acre, tonne, etc. Thus, analyzing the rates should be done with care.

Since custom rates quoted in this publication may not suit all custom operators and those hiring custom work, it is advisable to calculate one's own custom costs.



Alberta
CANADA

AGRICULTURAL REGIONS

• REGIONAL OFFICE

RATES SURVEYED

4

OPERATION LOCATION RANGE - 1985 MOST COMMON - 1986 RANGE - 1986 MOST COMMON - 1986

Plowing

* One Report
Surveyed November 1986
Total Reports 3

Alberta
\$6.00-20.00/ac
\$20.00-22.00/ac
* \$65/h

\$20.00-22.00/ac
* \$65/h

Alberta

* One Report
Surveyed November 1986
Total Reports 3

Discing

* One Report
Surveyed November 1986
Total Reports 20

South
\$5.00-10.00/ac
* \$40/h

\$5.00-10.00/ac
\$5.00-7.50/ac
\$6.00-11.00/ac

South
Central
North

* One Report
Surveyed November 1986
Total Reports 20

Cultivating

* One Report
Surveyed November 1986
Total Reports 30

Region 1
Region 2
Region 3
Region 4
Region 5
Region 6

\$3.00/ac
\$5.00-7.00/ac
\$3.50-8.50/ac
\$4.00-6.00/ac
\$5.50-7.50/ac
\$3.50-5.00/ac

Region 1
Region 2
Region 3
Region 4
Region 5
Region 6

* One Report
Surveyed November 1986
Total Reports 30

Harrowing

* One Report
Surveyed November 1986
Total Reports 9

Alberta
\$1.50-4.00/ac

* \$1.00/ac

Alberta

* One Report
Surveyed November 1986
Total Reports 9

RATES SURVEYED

OPERATION	LOCATION	MOST COMMON - 1985	RANGE - 1986	MOST COMMON - 1986
Ground Seeding	Region 1	\$5.50-6.50/ac	\$4.00-8.00/ac	\$5.00-6.50/ac
	Region 2	* \$3.50/ac	\$2.80-8.00/ac	\$6.00-7.00/ac
	Region 3	\$2.20-6.50/ac	\$4.00-8.00/ac	\$5.50-7.20/ac
	Region 4	--	* \$5.00/ac	* \$5.00/ac
	Region 5	* \$6.00/ac	\$3.50-4.50/ac	\$3.50-4.50/ac
	Region 6	--	--	--
* One Report				
Surveyed June 1986				
Total Reports 36				
Aerial Seeding	Region 1	\$4.50-5.00/ac	\$4.75-5.00/ac	\$4.75-5.00/ac
	Region 2	\$3.00-3.75/ac	\$3.00-3.50/ac	\$3.00-3.50/ac
	Region 3	\$3.50-4.50/ac	\$3.00-6.00/ac	\$3.00-5.00/ac
	Region 4	\$3.00-3.75/ac	\$3.00-4.25/ac	\$3.25-3.75/ac
	Region 5	\$3.50-5.00/ac	--	--
	Region 6	\$3.00-3.25/ac	--	--
Surveyed June 1986				
Total Reports 16				
Granular Fertilizer Application Truck Mount, Floaters & Pull-Type	Region 1	\$3.00/ac	\$2.00-3.25/ac	\$3.00/ac
	Region 2	\$3.00-4.00/ac	\$2.75-4.00/ac	\$2.75-3.50/ac
	Region 3	\$2.75-3.00/ac	\$2.50-3.25/ac	\$2.50-3.25/ac
	Region 4	\$1.75-2.75/ac	\$2.75-4.00/ac	\$2.75-3.00/ac
	Region 5	\$2.75/ac	\$2.00-3.50/ac	\$2.50-3.50/ac
	Region 6	\$3.00-3.50/ac	\$2.00-3.50/ac	\$2.50-3.00/ac
Surveyed June 1986				
Total Reports 56				
Granular Fertilizer Application Air Seeder	South	\$3.50-6.50/ac	\$4.00-10.00/ac	\$4.00-6.00/ac
	Central	\$3.25-7.50/ac	\$4.75-5.50/ac	\$4.75-5.50/ac
	North	\$7.50-8.50/ac	\$6.50-9.00/ac	\$7.00-8.50/ac
Surveyed June 1986				
Total Reports 18				

OPERATION

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RATES SURVEYED

OPERATION	LOCATION	MOST COMMON - 1985	RANGE - 1986	MOST COMMON - 1986	
Aerial Granular Fertilizer	Region 1	\$3.50-4.75/ac	--	--	
	Region 2	* \$3.75/ac	* \$3.50/ac	* \$3.50/ac	
	Region 3	\$4.00/ac	--	--	
	Region 4	\$4.00-5.00/ac	--	--	
	Region 5	--	--	--	
	Region 6	\$4.00/ac	* \$4.00/100 lb	* \$4.00/100 lb	
	* One Report Surveyed June 1986 Total Reports 2				
	Liquid Fertilizer Application	Region 1	\$2.75-4.25/ac	\$2.75-5.00/ac	\$2.75-\$3.75/ac
		Region 2	* \$3.50/ac	\$1.75-6.00/ac	\$3.00-6.00/ac
		Region 3	* \$3.00/ac	\$3.00-3.50/ac	\$3.00-3.50/ac
Region 4		\$3.00/ac	\$3.50-6.50/ac	\$3.50-6.50/ac	
Region 5		* \$2.75/ac	* \$2.75/ac	* \$2.75/ac	
Region 6		--	\$3.25-3.50/ac	\$3.25-3.50/ac	
* One Report Surveyed June 1986 Total Reports 25					
Herbicide Application		Region 1	\$2.00-3.25/ac	\$1.50-3.75/ac	\$2.00-2.50/ac
		Region 2	\$2.50-3.50/ac	\$2.00-3.75/ac	\$2.50-3.50/ac
		Region 3	\$2.50-2.75/ac	\$2.50-4.00/ac	\$2.75-3.50/ac
	Region 4	\$2.75-3.00/ac	\$2.75-3.50/ac	\$2.75-3.50/ac	
	Region 5	\$2.75-3.10/ac	* \$3.00/ac	* \$3.00/ac	
	Region 6	\$3.00-3.50/ac	\$3.00-3.75/ac	\$3.00-\$3.75/ac	
	* One Report Surveyed June 1986 Total Reports 46				
	Aerial Herbicide	Region 1	\$3.00/ac @ 1 gal	\$2.55-5.00/ac	\$2.75-3.75/ac @ 1-2 gal
		Region 2	\$4.00/ac @ 3 gal	\$3.00-4.10/ac	\$3.00-3.50/ac @ 1-2 gal
		Region 3	\$3.10-\$3.50/ac @ 1 gal	\$3.00-\$4.00/ac	\$3.00-3.25/ac @ 1-2 gal
Region 4		\$3.25-4.00/ac @ 1-3 gal	\$2.75-4.25/ac	\$3.10-3.75/ac @ 1-2 gal	
Region 5		\$3.25-4.25/ac @ 1-3 gal	--	--	
Region 6		\$3.20-4.00/ac @ 1-3 gal	\$3.20-3.70/ac	\$3.20-3.70/ac @ 1-2 gal	
Surveyed June 1986 Total Reports 43					

RATES SURVEYED

OPERATION	LOCATION	MOST COMMON - 1985	RANGE - 1986	MOST COMMON - 1986
Grain Swathing				
	Region 1	\$40/hr	\$3.00-7.50/ac	\$4.50-5.50/ac
	Region 2	\$3.00-6.00/ac	\$3.00-6.00/ac	\$5.00-6.00/ac
	Region 3	\$5.50/ac	\$3.50-5.50/ac	\$4.00-5.50/ac
	Region 4	\$4.50-6.00/ac	\$5.00/ac	\$5.00/ac
	Region 5	\$5.00/ac	\$5.00-5.80/ac	\$5.00/ac
	Region 6	\$4.00/ac	\$4.00-4.50/ac	\$4.00-4.50/ac
Surveyed September-October 1986 Total Reports 32				
Combining				
	Region 1 Dry Irrigated	\$14.00-20.00/ac	\$9.00-13.00/ac \$13.00-21.00	\$12.00-13.00/ac \$15.00-19.00/ac
	Region 2	\$10.00-13.00/ac	\$10.50-12.00/ac \$70-115/h	\$10.50-12.00/ac \$70-115/h
	Region 3	\$12.00-13.00/ac \$70-100/h	\$10.00-13.00/ac \$75-125/h	\$12.00-13.00/ac \$85-100/h
	Region 4	\$12.00-15.00/ac \$90/h	\$8.00-15.00/ac \$65-96/h	\$13.00-15.00/ac \$65-96/h
	Region 5	\$12.00/ac \$55-90/h	\$8.00-13.00/ac \$50-65/h	\$8.00-13.00/ac \$50-65/h
	Region 6	\$12.00/ac \$75-110/h	\$8.50-12.50/ac \$85-100/h	\$8.50-12.50/ac \$85-100/h
Surveyed September-October 1986 Total Reports 49				
Combining and Hauling				
	Region 1	\$12.00-19.00/ac	\$12.00-17.50/ac * \$175/h	\$12.00-17.50/ac * \$175/h
	Region 2	\$18.75-20.00/ac	\$12.00-20.00/ac \$103-175/h	\$14.00-17.50/ac \$110-150/h
	Region 3	\$14.00/ac	\$10.00-15.00/ac \$100-140/h	\$12.00-14.00/ac \$100-140/h
	Region 4	\$15.00/ac	* \$18.00/ac	* \$18.00/ac
	Region 5	* \$15.00/ac	\$11.00-17.00/ac \$65-75/h	\$11.00-17.00/ac \$65-75/h
	Region 6	* \$95/h	\$12.00-15.00/ac \$80-100/h	\$12.00-15.00/ac \$80-100/h
* One Report Surveyed September-October 1986 Total Reports 27				

RATES SURVEYED

OPERATION	LOCATION	MOST COMMON - 1985	RANGE - 1986	MOST COMMON - 1986
Straight Combining				
	Region 1 Dry Irrigated	\$12.00/ac	\$12.00/ac \$18.00-20.00/ac	\$12.00/ac \$18.00-20.00/ac
	Region 2	--	--	--
	Region 3	\$12.50/ac	* \$100/h	* \$100/h
	Region 4	\$12.00/ac	--	--
	Region 5	--	--	--
	Region 6	--	--	--
* One Report Surveyed September-October 1986 Total Reports 10				
Grain Drying (based on wheat)				
	Per Point	--	\$.03-.08/pt	\$.04-.06/pt
	Per Hour	--	\$37-65/h	\$40-60/h
	Per Bushel	--	\$.20-.28/bu	\$.20-.28/bu
Surveyed September-October 1986 Total Reports 22				
Long Distance Grain Hauling				
		0-24 Miles	25-50 Miles	51-100 Miles
	Region 1 Range	\$3.67-4.40	\$4.00-8.00	\$4.40-7.25
	Most Common	\$3.67-4.40	\$5.50-7.00	\$4.40-7.25
	Region 2 Range	\$3.67-5.25	\$4.75-7.30	\$6.98-11.00
	Most Common	\$3.67-5.25	\$5.14-6.30	\$7.80-9.18
	Region 3 Range	\$3.67-4.40	\$5.00-8.00	\$6.98-10.50
	Most Common	\$3.67-4.40	\$5.00-6.00	\$8.80-10.50
	Region 4 Range	\$3.46-4.88	\$5.97-8.46	\$8.41-9.23
	Most Common	\$3.46-4.88	\$5.97-8.46	\$8.41-9.23
	Region 5 Range	\$4.00-6.52	\$5.72-8.00	* \$7.02
	Most Common	\$4.00-6.52	\$5.72-8.00	* \$7.02
	Region 6 Range	* \$5.00	\$5.90-8.00	\$7.70-8.55
	Most Common	* \$5.00	\$5.90-8.00	\$7.70-8.55
* One Report Surveyed September-October 1986 Total Surveyed 102				
				Over 100 Miles
	22 to 37 tonne trucks			--
	\$ per tonne			--
				\$9.18-11.19 \$9.18-11.19
				* \$12.86 * \$12.86
				\$10.60-15.38 \$10.60-15.38
				* \$10.67 * \$10.67
				\$16.60-19.00 \$16.60-19.00

RATES SURVEYED

OPERATION	LOCATION	MOST COMMON - 1985	RANGE - 1986	MOST COMMON - 1986
Cutting & Conditioning Hay				
	Region 1	\$9.00-12.00/ac	\$10.00-12.00/ac	\$10.00-12.00/ac
	Region 2	\$9.00-11.00/ac	\$7.00-13.75/ac	\$7.00-10.00/ac
	Region 3	\$7.00-8.00/ac	\$4.50-10.00/ac	\$6.00-8.00/ac
	Region 4	-	\$8.00-9.00/ac	\$8.00-9.00/ac
	Region 5	\$7.00-10.00/ac	\$6.50-9.00/ac	\$6.50-9.00/ac
* One Report Surveyed July 1986 Total Reports 26	Region 6	* \$5.00/ac	\$4.00-5.00/ac	\$4.00-5.00/ac
Baling				
	Region 1	\$.25-.35/bale	\$.30-.50/bale	\$.30-.50/bale
	Region 2	\$.35-.40/bale	\$.24-.35/bale	\$.27-.34/bale
	Region 3	\$.28-.45/bale	\$.25-.35/bale	\$.25-.35/bale
	Region 4	-	-	-
	Region 5	-	\$.30-.50/bale	\$.30-.50/bale
* One Report Surveyed July 1986 Total Reports 18	Region 6	-	* \$.30/bale	* \$.30/bale
Stacking and Hauling				
	South	\$.22-.45/bale	\$.20-.40/bale	\$.25/bale
	Central	-	\$.24-.30/bale	\$.25/bale
	North	* \$.50/bale	* \$.25/bale	* \$.25/bale
Small Square Bales Less Than 1 Mile				
* One Report Surveyed July 1986 Total Reports 24				

RATES SURVEYED

OPERATION	LOCATION	MOST COMMON 1985	RANGE 1986	10 MOST COMMON 1986
Baling				
Round Bales	Region 1	\$6.50-8.00/bale	\$6.00-10.00/bale	\$6.50-9.00/bale
	Region 2	\$6.00-7.00/bale	\$5.00-6.50/bale	\$5.00/bale
	Region 3	\$6.00-6.50/bale	\$4.50-7.00/bale	\$4.50-6.00/bale
	Region 4	\$4.00-7.00/bale	\$5.00-6.00/bale	\$5.00-6.00/bale
	Region 5	\$5.00/bale	\$4.00-5.00/bale	\$5.00/bale
	Region 6	\$4.00-7.00/bale	\$6.00-6.50/bale	\$6.00-6.50/bale
Surveyed July 1986 Total Reports 36				
Stacking & Hauling Round Bales Less Than 1 Mile	South	\$2.00-3.00/bale	* \$1.00-2.00/bale	* \$1.00-2.00/bale
* One Report	Central	-	\$1.00-2.00/bale	\$1.00-2.00/bale
Surveyed July 1986 Total Reports 8	North	-	-	-
Cutting - Silage				
* One Report	South	\$4.00-7.00/ac	* \$10.00/ac	* \$10.00/ac
Surveyed August 1986 Total Reports 5	Central	\$7.00-10.00/ac	\$7.00-12.00/ac	\$7.00-12.00/ac
	North	\$38-60/h	* \$45/h	* \$45/h
Chopping Silage (Wet)				
* One Report	South	\$3.00-5.35/ac	\$3.50-5.20/ton	\$3.50-5.20/ton
Surveyed August 1986 Total Reports 10	Central	* \$80/h	* \$110/h	* \$110/h
	North	* \$90/h	\$68-110/h	\$100-110/h
Hauling Silage			\$115-125/h	\$115-125/h
Surveyed August 1986 Total Reports 5	South	\$33/h	\$35/h	\$35/h
	Central	\$35-50/h	\$30-35/h	\$30-35/h
	North	\$35-45/h	-	-

RATES SURVEYED

		MOST COMMON - 1985	RANGE - 1986	MOST COMMON - 1986
Packing Silage				
* One Report Surveyed August 1986 Total Reports 3	South	\$75-100/h	* \$40/h	* \$40/h
	Central	\$40-65/h	* \$45/h	* \$45/h
	North	-	* \$50/h	* \$50/h
Combined Silage Making Operations				
Cutting, Chopping & Hauling				
	Alberta	\$7.00-12.00/tonne	\$22-29/tonne	\$27-29/tonne
Cutting & Chopping				
	Alberta	-	\$3.33-7.00/tonne	\$4.00-6.30/tonne
Surveyed August 1986 Total Reports 10				
Silage Bagging				
* One Report	Alberta	* \$1800/bag	* \$1500/bag * \$1375/bag no swath	* \$1500/bag * \$1375/bag
Long Distance Hay Hauling				
		Under 100 Miles	100-200 Miles	Over 200 Miles
* One Report Surveyed July 1986 Total Reports 5	South	\$3.00/loaded mile	* \$2.50/loaded mile	* \$2.50/loaded mile
	Central	\$50-60/h	\$2.50-2.75/loaded mile	\$2.50-2.75/loaded mile
	North	* \$2.50/loaded mile	--	--

RATES SURVEYED

OPERATION	LOCATION	MOST COMMON - 1985	RANGE - 1986	MOST COMMON - 1986
Grain Processing - Grinding				
Per Tonne				
	Region 1	\$12.00-20.00/tonne	\$13.00-14.00/tonne	\$13.00-14.00/tonne
	Region 2	\$12.00-20.00	\$8.80-20.00	\$12.00-20.00
	Region 3	\$9.00-13.00	\$10.00-15.00	\$10.00-15.00
	Region 4	\$8.00-14.00	\$10.00-14.00	\$10.00-14.00
	Region 5	\$7.20-12.50	\$8.80-13.00	\$12.50-13.50
	Region 6	\$12.00-15.00	\$12.50-15.00	\$12.50-15.00
Surveyed January 1987 Total Reports 20				
Grain Processing - Dry Rolling				
Per Tonne				
	Region 1	\$12.00-15.00/tonne	\$13.00-14.00/tonne	\$13.00-14.00/tonne
	Region 2	\$12.00-15.40	\$8.80-20.00	\$12.00-14.00
	Region 3	\$8.15-11.00	\$10.00-15.00	\$11.00-13.00
	Region 4	\$8.00-14.00	\$10.00-14.00	\$10.00-14.00
	Region 5	\$7.20-12.50	\$8.80-14.50	\$12.50-14.50
	Region 6	\$12.00-15.00	\$12.50-15.00	\$12.50-15.00
Surveyed January 1987 Total Reports 19				
Grain Processing - Steam Rolling				
Per Tonne				
	South	\$15.00-22.00/tonne	\$16.00-20.00/tonne	\$16.00-20.00/tonne
	Central	\$6.90-25.00	\$22.00-25.00	\$22.00-25.00
	North	\$18.00-20.00	\$18.00-20.00	\$18.00-20.00
Surveyed January 1987 Total Reports 8				
Grain Processing - Pelletizing				
Per Tonne				
	South	\$22.00-30.00/tonne	\$19.80-35.00/tonne	\$19.80-35.00/tonne
	Central	\$28.00-38.00/tonne	-	-
	North	-	-	-
Surveyed January 1987 Total Reports 3				

RATES SURVEYEDFeeding

	<u>Yardage</u>	<u>Total Cost/lb Gain</u>
Alberta		
Calves/Yearlings	<u>Range</u> \$.10-.18/day	<u>Range</u> \$.34-.50/lb gain
	<u>Most Common</u> \$.12-.15/day	<u>Most Common</u> \$.38-.45/lb gain
Finishing	<u>Range</u> \$.13-.15/day	<u>Range</u> \$.50-.65/lb gain
	<u>Most Common</u> \$.14/day	<u>Most Common</u> \$.54/lb gain

Date Surveyed January 1987
Total Reports 45

Livestock Hauling - Alberta

<u>Miles</u>	<u>Possum Belly Liner</u>	<u>Straightliner</u>	<u>Body Truck</u>
0-50 miles	\$150-200/load	\$100-185/load	* \$75/load * \$2.00/loaded mile
50-100 miles	\$220-290/load \$2.40-2.75/loaded mile	\$210-275/load \$2.75-3.00/loaded mile	\$100-170/load \$2.00-2.50/loaded mile
100-200 miles	\$300/load \$2.40/loaded mile	\$295-425/load \$2.30-2.50/loaded mile	\$210-250/load \$1.75-2.50/loaded mile
200+ miles	\$2.40-2.60/loaded mile	* \$2.50/loaded mile	* \$2.25/loaded mile

* One Report
Surveyed January 1987
Total Reports 102

Custom Corral Cleaning - Alberta

<u>Type of Equipment</u>	<u>Range 1986</u>	<u>Most Common 1986</u>
Loaders, 3 Spreaders, 4-5 Operators	\$125-190/h	\$150-175/h
Loader, 2 Spreaders, 2-3 Operators	\$90-145/h	\$110-130/h
Loader, 1 Spreader, 2 Operators	* \$110/h	* \$110/h
Loader with Operator	\$35-55/h	* \$35-55/h

* One Report
Surveyed January 1987
Total Reports 28

RATES SURVEYED

14

OPERATION	LOCATION	MOST COMMON - 1985	RANGE - 1986	MOST COMMON - 1986
Fence Construction	Alberta			
3 & 4 Wires, Labor, Equipment		\$1000-1300/mi	\$500-1600/mi \$45.00-50.00/h	\$900-1300/mi \$45.00-50.00/h
Planking, Labor, Equipment		\$60.00/h	\$40.00-60.00/h	\$40.00-60.00/h
Chain Link, Labor, Equipment		* \$1.90/ft	* \$1.90/ft	* \$1.90/ft
* One Report Surveyed January 1987 Total Report 26				
Fence Removal	Alberta			
Barbed Wire		\$300-500/mi	\$300-1000/mi	\$350-450/mi
Surveyed January 1987 Total Reports 16				
Post Pounding	Alberta	\$25.00-36.00/h	\$30.00-60.00/h	\$35.00-50.00/h
Labor, Equipment				
Surveyed January 1987 Total Reports 14				

ND BREAKING AND CLEARING

e land clearing and breaking survey was conducted in October and November, 1986. One hundred and thirty-nine contacts were made throughout the province and bulated below. Please note that these rates (indicated on a per acre basis) can vary depending on bush type, terrain and equipment used. Rates are based one pass.

UTHERN ALBERTA

UTHERN ALBERTA		COST PER ACRE		MOST COMMON 1986	
ERATION	EQUIPMENT	MOST COMMON 1985		RANGE 1986	MOST COMMON 1986
ushing and Piling th Dozer Blade	D6 (140-180 hp)	-	-	-	-
	D7, D7E (180-200 hp)	\$57-70/h \$100-125/ac		\$70-75/h	\$70-75/h
	D8 (225-335 hp)	* \$80/h * \$129/ac		\$80 * \$100/ac	* \$80 * \$100/ac
piling		* \$35.00		* \$25.00	* \$25.00
pping		\$62.70		* \$25.00	* \$25.00
scing		\$6.00-8.00/ac * \$55/h		\$6.00-8.50/ac	\$6.00-8.50/ac
totilling		-		\$120/h \$70-75/ac	\$120/h \$70-75/ac
ot Raking		-		-	-
ck Raking		-		-	-
ck Picking		-		* \$65/h	* \$65/h
gouts	D7	-		\$70-1.00/yd ³	\$70-1.00/yd ³
ainage	Tile Drainage	-		* \$1/Linear Foot	* \$1/Linear Foot

One Report

CENTRAL ALBERTA

COST PER ACRE

18

OPERATION	EQUIPMENT	MOST COMMON 1985	RANGE 1986	MOST COMMON 1986
Brushing and Piling with Dozer Blade	D6, D6E (140-180 hp)	\$55-65/h * \$100/ac	\$50-65/h	\$50-65/h
	D7, D7E, D7G, (180-200 hp)	* \$75/h	\$65-85/h \$100-120/ac	\$70-80/h \$100-120/ac
	D8 (225-335 hp)	* \$96/h	\$106-125/h * \$110/ac	\$106-125/h * \$110/ac
Repiling		\$30-38/ac	-	-
Ripping	D7 (180-200 hp)	\$85-95/h	* \$80/h	* \$80/h
Discing		* \$22.50/ac \$55-75/h	\$18-49/ac \$40-80/h	\$22-35/ac \$45-65/h
Rototilling		\$120-180/h	* \$120/h	* \$120/h
Root Raking	D7, 12' Rake (180-200 hp)	-	-	-
Rock Raking		-	\$30-80/h	\$30-80/h
Rock Picking		-	\$80-90/h	\$80-90/h
Dugouts		* \$55/h	\$50-140/h * \$1.25/yd ³	\$60-80/h ³ * \$1.25/yd ³
Drainage	Wheel Ditcher	-	* \$24/Linear Foot	* \$24/Linear Foot

* One Report

NORTHERN ALBERTA

OPERATION	COST PER ACRE		
	EQUIPMENT	MOST COMMON 1985	MOST COMMON 1986
Brushing and Piling With Dozer Blade	D6, D6C (140-180 hp)	-	-
	D7, D7E, D7G (180-200 hp)	\$65-125/h	\$70-72/h * \$100/ac
	D8, D8H (225-335 hp)	\$90-95/h	\$70-100/h \$70-115/ac
	D9	\$118/h	\$70-72/h * \$100/ac
	D7G (200 hp)	\$12-15/ac	\$85-95/h \$90-105/ac
Repiling			-
Ripping			-
Discing	D7E (180 hp)	-	* \$14/ac
Plowing		\$10-30/ac	-
Rototilling		\$30-39/ac	\$11-40/ac \$16-28/ac
Root Raking		-	* \$65/h \$35-45/ac
Dugout		\$21/ac	* \$85/h
Land Levelling		\$65/h \$.70-.90/yd ³	\$11-28/ac \$65/h \$.60-1.00/yd ³
* One Report Surveyed October and November 1986 Total Reports 112		\$5-7/ac	\$5-7/ac

MACHINE RENTAL

EQUIPMENT	LOCATION	MOST COMMON 1985	RANGE 1986	18 MOST COMMON 1986
Air Seeder	Alberta	\$2.50-4.00/ac * \$28/day	\$1.00-2.50/ac	\$1.00-2.50/ac
Seed Drill				
* One Report				
Surveyed June 1986				
Total Reports 3				
Anhydrous Ammonia Equipment				
Higher Rates Include Cultivator	Region 1	* \$50/tonne	\$25-50/tonne	\$25-50/tonne
	Region 2	\$22-80/tonne	\$16-85/tonne	\$16-85/tonne
	Region 3	* \$22/tonne	\$32-80/tonne	\$40-62/tonne
	Region 4	\$16-85/tonne	\$40-85/tonne	\$40-85/tonne
	Region 5	\$75/tonne	* \$80/tonne	* \$80/tonne
	Region 6	-	-	-
* One Report				
Surveyed June 1986				
Total Reports 17				
Liquid Fertilizer Equipment				
* One Report	South	* \$.75/ac	\$1.00-2.50/ac	\$1.00-1.50
Surveyed June 1986	Central	-	-	-
Total Reports 8	North	-	-	-
Herbicide Equipment (Pull-Type)				
	Region 1	\$1.00/ac	\$1.00-2.75/ac	\$1.00/ac
	Region 2	\$1.00/ac	\$1.00-1.50/ac	\$1.00-1.50/ac
	Region 3	\$1.00/ac	\$1.00-1.50/ac	\$1.00-1.50/ac
	Region 4	\$1.00/ac	\$1.00-1.50/ac	\$1.00-1.50/ac
	Region 5	\$1.00/ac	\$1.00-1.50/ac	\$1.00-1.50/ac
	Region 6	\$1.00/ac	\$1.00-1.50/ac	\$1.00-1.50/ac
* One Report				
Surveyed June 1986				
Total Reports 35				

EQUIPMENT

Fertilizer Equipment (Pull-Type)

MACHINE RENTAL		MACHINE RENTAL	
LOCATION	MOST COMMON 1985	RANGE 1986	MOST COMMON 1986
Region 1	\$.75-1.00/ac	\$.75-1.00/ac	\$.75-1.00/ac
Region 2	\$4.00/tonne	** \$2.50-3.50/ac \$5.00-6.00/tonne	** \$2.50-3.50/ac \$5.00-6.00/tonne
Region 3	\$.75-1.00/ac	\$.65-\$1.00/ac	\$.65-1.00/ac
Region 4	\$4.00/tonne	** \$2.50-5.00/ac \$4.00-7.00/tonne	** \$2.50-4.00/ac \$4.00-7.00/tonne
Region 5	\$.75-1.00	\$.75-1.50/ac	\$.75-1.00/ac
Region 6	\$5.00-9.00/tonne	** \$2.50-5.00/ac \$5.00-6.00/tonne	** \$2.50-3.50/ac \$5.00-6.00/tonne
Region 7	\$.75-1.00/ac	\$.50-1.50/ac	\$.50-1.50
Region 8	\$5.00-9.00/tonne	** \$2.00-3.75/ac \$3.00-9.50/tonne	** \$2.00-3.75/ac \$3.00-6.00/tonne
Region 9	\$.60-1.00/ac	* 1.00/ac	* \$1.00/ac
Region 10	\$4.00-9.00/tonne	** \$2.00-3.50/ac \$5.00-10.00/tonne	** \$2.50-3.50/ac \$5.00-6.00/tonne
Region 11	\$.60-1.00/ac	-	-
Region 12	\$4.00-9.00/tonne	** \$3.50/ac \$5.00/tonne	** \$3.50/ac \$5.00/tonne

One Report
Banding Equipment
Surveyed June 1986
Total Reports 70

ACTORS

der 60 PTO hp
-100 PTO hp
0-180 PTO hp
WD

Alberta

\$.20/h/PTO hp	\$.20/h/PTO hp	\$.20/h/PTO hp
\$.18-.20/h/PTO hp	\$.18-.20/h/PTO hp	\$.18-.20/h/PTO hp
\$.18-.20/h/PTO hp	\$.18-.20/h/PTO hp	\$.18-.20/h/PTO hp
\$.18/h/PTO hp	\$.18/h/PTO hp	\$.20/h/PTO hp

LAND LEASING

Land leasing is an important element of farming today. In 1986 fifty-three per cent of land rented in Alberta was on a cash basis. In 1986 fifty-seven per cent surveyed had a crop share arrangement. The figures reveal a downward trend of two per cent in cash agreements. At the same time the cropshare rent agreements have increased two per cent. Crop share agreements involve a sharing of risk between landlord and tenant, while cash rent leases leave all risk with the tenant.

Major factors that seem to influence the rental rates for land are:

- 1) The demand for rental land in the area;
- 2) Variation in the quality and productivity of land;
- 3) Transactions at arm's length;
- 4) The dependability of the tenant;
- 5) The length and terms of the lease or cash rent agreement;
- 6) Location; and
- 7) Who's willing to bear the risk.

The rates listed below are broken into major regions of the province. The variability in the price is basically due to the above factors.

LENGTH OF LEASES

20

YEARS	CASH %	CHANGE FROM 1985 %	CROP SHARE %	CHANGE FROM 1985 %
1	41	+8	45	+23
2	8	+5	3	+0
3	23	-3	30	+3
4	5	+2	2	+1
5	15	-2	12	-5
6+	8	-3	8	-12

TYPE OF LEASE

REGION	CASH %	CHANGE FROM 1985 %	CROP SHARE %	CHANGE FROM 1985 %
1	60	+0	40	+0
2	44	-5	56	+5
3	58	-5	42	+5
4	59	-3	41	+3
5	43	-5	57	+5
6	55	+8	45	-8

CASH RENT CROPLAND

OPERATION	LOCATION	MOST COMMON - 1985	RANGE - 1986	MOST COMMON - 1986
* Irrigated Land Surveyed April 1986 Total Reports 239	Region 1	Irrigated	\$60-90/ac	\$33-90/ac
		Non Irrigated	\$12-30/ac	\$9-40/ac
	Region 2		\$25-45/ac	\$17-55/ac
			\$25-40/ac	\$10-50/ac
	Region 3		\$24-37/ac	\$14-40/ac
			\$15-40/ac	\$8-37/ac
	Region 4		\$15-22/ac	\$8-25/ac
	Region 5			
	Region 6			

CROPSHARE ARRANGEMENTS

Region	Number of Leases	Cropshare Agreement (Per Cent)		Notes
		Landlord	Tenant	
1	26	33	67	Landlord pays tax & water if irrigated. Landlord tenant split fertilizer and chemicals in 20 of 34 agreements.
	6	40	60	
	2	50	50	
2	47	33	67	Landlord tenant split fertilizer and chemicals in 30 of 57 agreements.
	3	40	60	
	5	50	50	
	2	25	75	
3	1	25	75	Landlord tenant split fertilizer and chemicals in 21 of 33 agreements.
	30	33	67	
	2	50	50	
4	3	25	75	Landlord tenant split fertilizer and chemicals in 15 of 24 agreements.
	20	33	67	
	1	40	60	
5	1	20	80	Landlord tenant split fertilizer and chemicals in 31 of 39 agreements.
	3	25	75	
	32	33	67	
	3	50	50	
6	11	25	75	Landlord tenant split fertilizer and chemicals in 12 of 28 agreements.
	2	30	70	
	15	33	67	

Surveyed April, 1986
Total Reports 215

CASH RENT - PASTURE

Location	Most Common - 1985	Range - 1986	Most Common - 1986
Region 1	\$10.00-18.00/AUM \$12.00/ac	\$4.17-15.00/AUM \$2.50-10.13/ac	\$6.00-12.00/AUM \$3.33-9.38/ac
Region 2	\$10.00-15.00/AUM \$10.00-15.60/ac	\$4.76-16.25/AUM \$2.91-28.00/ac	\$10.00-15.00/AUM \$11.00-20.00/ac
Region 3	\$6.00-12.00/AUM \$15.00-30.00/ac	\$6.15-12.00/AUM \$5.22-26.00/ac	\$10.00-12.00/AUM \$8.00-18.00/ac
Region 4	\$6.00-10.00/AUM	\$2.67-30.00/AUM \$2.16-13.13/ac	\$5.00-14.00/AUM \$6.00-9.00/ac
Region 5	\$1.00-4.00/AUM \$10.00-15.00/ac	\$3.85-17.00/AUM \$5.00-25.00/ac	\$7.00-10.00/AUM \$7.00-12.00/ac
Region 6	- -	\$6.25-8.23/AUM \$3.38-14.00/ac	\$6.25-8.23/AUM \$3.38-14.00/ac

Surveyed April 1986
Total Reports 85

ADDITIONAL INFORMATION FOR PASTURE LAND

- 68% of agreements surveyed were for a term of 1 year. This was an increase of 25% from 1985.
- 5% of agreements surveyed were for a term of 2 years. This was an increase of 3% from 1985.
- 11% of agreements surveyed were for a term of 3 years. This was a decrease of 9% from 1985.
- 9% of agreements surveyed were for a term of 5 years. This was a decrease of 4% from 1985.
- 7% of agreements surveyed were for a term of over 5 years. This was a decrease of 2% from 1985.

PROVINCIAL GRAZING RESERVES

REGION	# OF RESERVES/REGION	TOTAL ACREAGE/REGION	RATE/AUM FOR 1986
Lethbridge	2 (Irrigated) 1 (Non-Irrigated)	17,547 33,163	\$10.25 \$ 8.55
Medicine Hat	2 (Irrigated) 2 (Non-Irrigated)	45,658 152,741	\$10.25 \$ 8.55
West Central	6	93,501	\$ 7.70 * Rates increased \$.05 from 1985
Edmonton	3	66,426	\$ 7.70
St. Paul	5	100,528	\$ 7.70
Peace River	5	120,642	\$ 7.10
Grande Prairie	5	75,493	\$ 7.10
CROWN LAND			
REGION		TOTAL ACREAGE	RATE PER AUM
Southern		3,100,000	\$ 1.81 * All rates increased 48 from 1985
Central		800,000	\$ 1.51
North		1,800,000	\$0.91

DIRECTORY OF FARM CUSTOM OPERATORS



ARE YOU IN IT?

1988 DIRECTORY

Alberta Agriculture will be publishing a 1988 **Directory of Custom Operators in Alberta**. The directory will benefit both custom operators and farmers. Farmers who want custom work done will know who the custom operator(s) are in their area, and custom operators will have a means to publicize their services. The only information in the directory will be the custom operator's name, town, phone number and type of service offered.

Custom operators interested in being included in the 1988 directory should complete and return the attached form by December 31, 1987. Operators who were listed in the 1987 directory must also submit the attached form for the 1988 directory.

PUBLICATIONS

Besides the directory, Alberta Agriculture also publishes the **Custom Rates Survey Summary** and **Farm Machinery Costs As A Guide to Custom Rates**. The summary contains actual custom charges surveyed in the previous year. The **guide** provides information about the cost of machinery ownership for the current year. Both may be useful in determining custom charges for the current year. The two publications contain worksheets on how to calculate machinery costs and machinery custom charges.

The above annual publications are available at your local Alberta Agriculture district office, or write to the Farm Business Management Branch, Box 2000, Olds, Alberta, TOM 1P0; or phone 556-4247.



Farm Business Management Branch

DIRECTORY OF CUSTOM OPERATORS

If you are a custom operator and want to be listed in the 1987 Directory, please check the services you offer

CULTIVATION	LIVESTOCK
☐ Tillage	☐ Feed Processing
☐ Plowing	☐ Fencing
☐ Discing	☐ Corral Cleaning
	☐ Hauling
GRAIN	☐ Custom Feeding
☐ Seeding	
☐ Swathing	SILAGE
☐ Combining	☐ Swathing
☐ Hauling	☐ Hauling
☐ Drying	☐ Harvesting
	☐ Blowing & Packing
APPLICATIONS	HAYING
☐ Aerial	☐ Swathing
☐ Herbicide	☐ Baling
☐ Insecticide	☐ Hauling & Stacking
☐ Granular Fertilizer	☐ Hauling
☐ Liquid Fertilizer	
☐ Anhydrous	LAND BREAKING
	☐ Plowing
LAND CLEARING	☐ Discing
☐ Cutting	☐ Rototilling
☐ Piling	☐ Rock Picking
☐ Replanting	☐ Drainage
☐ Root Raking	
☐ Other (Specify) _____	

Please print your name, address and phone number.

For more information phone 556-4247.

NAME _____

ADDRESS _____

POSTAL CODE _____

PHONE _____